S/M No. :

Service Manual

Auto Washer

Model: DWF-513W

✓ **Caution**

: In this Manual, some parts can be changed for improving, their performance without notice in the parts list. So, if you need the latest parts information, please refer to PPL(Parts Price List) in Service Information Center (http://svc.dwe.co.kr).

DAEWOO ELECTRONICS

AUTO WASHER AUTO WASHER AUTO WASHER

1. SPECIFICATIONS

No.	Item	DWF-513W	
1	POWER SOURCE	AVAILABLE IN ALL LOCAL AC VOLTAGE AND CYCLE	
2	POWER CONSUMPTION	50Hz	550W
3	MACHINE WEIGHT	PUMP	51Kg
4	DIMENSION (WXHXD)	630 X 1075 X 670	
5	WASHING COURSE	FULL AUTOMATIC 8 COURSES (FUZZY, JEANS, ECONOMIC, EXTRA DIRTY, HEAVY LOAD, CLEANING, COLOR, WOOL)	
6	WATER CONSUMPTION	250 L	
7	WATER LEVEL SELECTOR	HIGH	97 L
		MEDIUM	77 L
		LOW	62 L
		E.LOW	56 L
8	OPERATING WATER PRESSURE	0.3kgf/cm^2~8kgf/cm^2 (2.94 N/cm2~78.4N/cm^2)	
9	REVOLUTION PER MINUTE	WASH : 130 - 150 RPM, SPIN : 695 -748 RPM	
10	PULSATOR	6 WINGS (ø 406mm)	
11	WATER LEVEL CONTROL	ELECTRONICAL SENSOR	
12	GEAR MECHANISM ASS'Y	HELICAL GEAR	
13	LINT FILTER	O	
14	SOFTENER INLET	O	
15	FUNCTION FOR SOAK WASH	O	
16	ALARM SIGNAL	O	
17	RESIDUAL TIME DISPLAY	O	
18	AUTO. WATER SUPPLY	O	
19	FUNCTION FOR BUBBLE AND RADICAL	O	
20	AUTO RE-FEED WATER	O	
21	AUTO POWER OFF	O	

NOTES

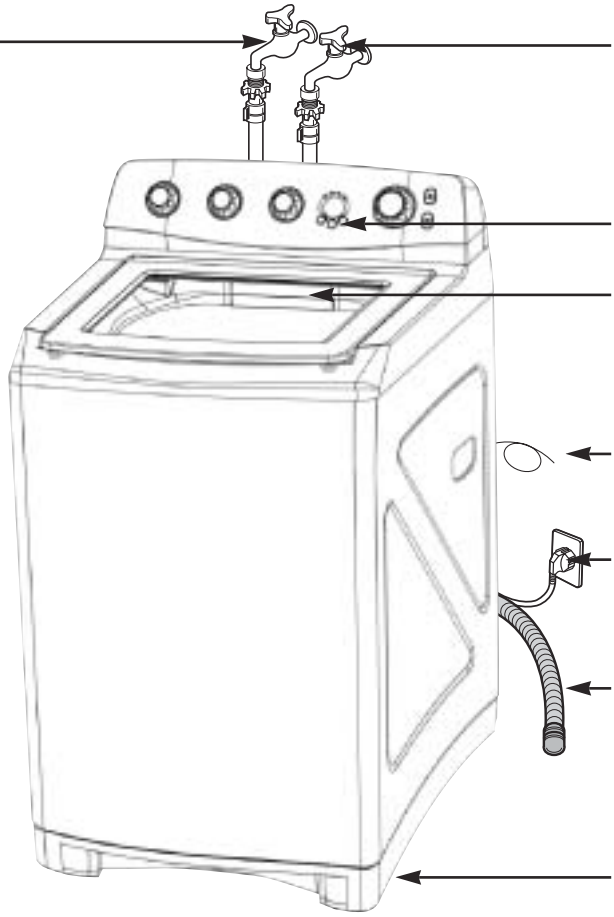
In case of moving Washing Machine, please follow the following picture.

2. STRUCTURE OF THE WASHING MACHINE

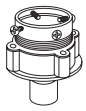
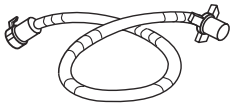
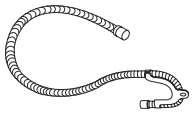
The parts and features of your washer are illustrated on this page.
Become familiar with all parts and features before using your washer.

NOTE

- The drawings in this book may vary from your washer model.
  They are designed to show the different features of all models covered by this book, Your model may not include all features.


• COLD WATER TAP
After using the washing machine, close the water tap.
• HOT WATER TAP
After using the washing machine, close the water tap. In case of the single valve model, there is no hot water valve.
• CONTROL PANEL
• CASE DETERGENT AND SOFTENER
• GROUND WIRE(OPTION)
In case of 3-wire power cord ground wire will not be provided.
• POWER CORD
• HOSE DRAIN
• ADJUSTABLE LEG

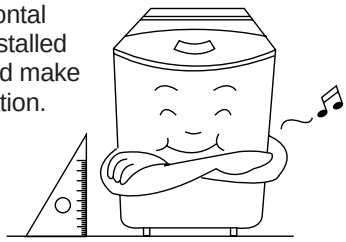
ACCESSORIES (FULL OPTION)

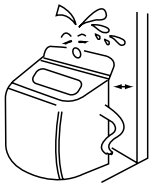
COVER UNDER (OPTION)	WATER TAP ADAPTER	INLET HOSE
		
HOSE DRAIN (FOR PUMP)	HOSE DRAIN CLAMP	HOSE DRAIN (FOR NON-PUMP)
		

3. DIRECTIONS FOR INSTALLATION AND USE

INSTALLING PLACE

Install the washer on a horizontal solid floor. If the washer is installed on an unsuitable floor, it could make considerable noise and vibration.





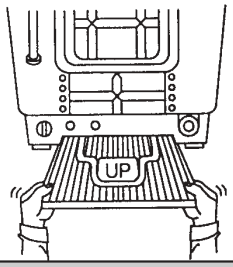
Keep the machine body more than 25cm apart from the wall surface. It will make easy cleaning the drain filter which is equipped at the back side of it. And if it comes into contract vibration may occur.

Never install in these places

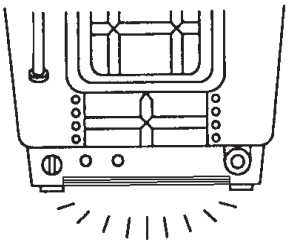
- The place where it would be exposed to direct sunlight.
- The place nearby a heater or heat appliance.
- The place where it would be supposed to be frozen in winter.
- The kitchen with coal gas and a damp place like a bathroom.

Installation Of the COVER UNDER (Noise Insulation Plate)

1 In the packing box or the tub of the washer, there is the COVER UNDER. Put the COVER UNDER at the bottom of the back.



2 Push the COVER UNDER to the end. This reduces the noise from washing machine.

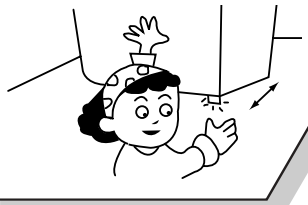


* The drawing of the COVER UNDER is variant from your model

How To Install On An Inclined Place

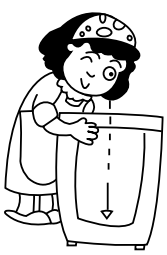
1 Horizon Setting

After controlling the height by turning the adjustable leg, let the washer put down to the ground.



2 Check the Horizon Status

Check the position of tub above the center of the washer.



NOTES

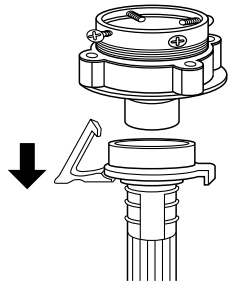
The openings must not be obstructed by carpeting when the washing machine is installed on a carpeted floor.

How to Connect the Inlet Hose

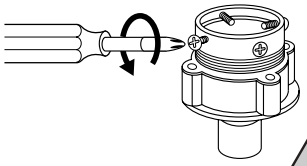
Be careful not to mistake in supplying between the hot(maximum : 50˚C) and cold water.
In using only one water tap or in case of attached one water inlet valve, connect the inlet hose to the cold water inlet valve.
Do not over tighten : this could cause damage to couplings.

• • • • FOR ORDINARY TAP

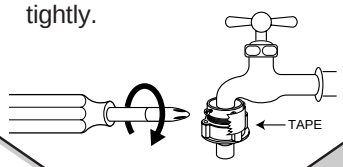
1 Pull down the collar of the inlet hose to separate it from the water tap adapter.



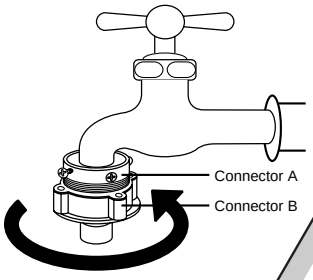
2 Loosen the four screws at the water tap adapter, but don't loosen the screws until they are separated from the water tap adapter.



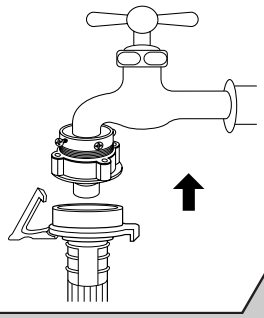
3 Connect the water tap adapter to the water tap and tighten the four screws evenly with pushing up the adapter so that the rubber packing can stick to the water tap tightly.



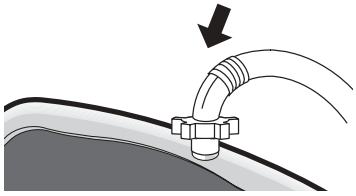
4 Remove the tape, and screw connector B into connector A tightly.



5 Connect the inlet hose to the water tap adapter by pulling down the collar of the hose end.



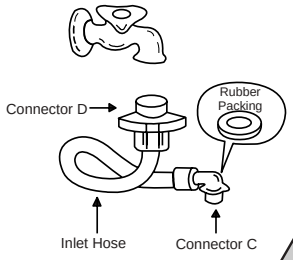
6 Connect the inlet hose adapter to the water inlet of the washer by turning it clockwise to be fixed tightly.



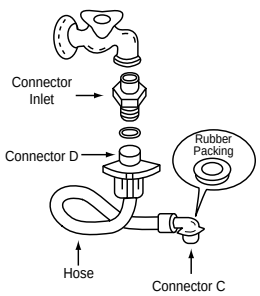
• Please check the rubber packing inside the inlet hose adapter.

• • • • FOR SCREW-SHAPED TAP

1 Connect the inlet hose to the water tap by screwing the connector D tightly.



2 Connect the connector-inlet supplied if necessary.



3 Insert the inlet hose adapter into the water inlet of a washer and turn it to be fixed.

• Check the packing in the inlet

HOW TO CLEAN THE FILTER

• • • • CLEANING THE LINT FILTER

1 While pressing the handle of filter, remove the filter from the guide.

2 Remove the dirt inside the filter and clean the filter.

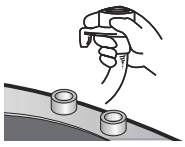
3 Insert the filter into guide.

• • • • CLEANING THE WATER INLET FILTER

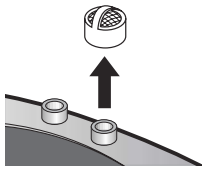
• Clean the filter when water leaks from, the water inlet.

1 Pull the power plug out before cleaning it.

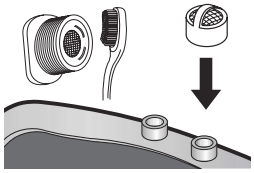
2 Turn off the water supply to the washer and sperate the inlet hose.



3 Pull the inlet filter out.



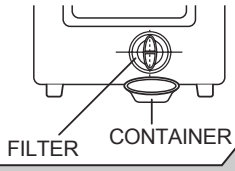
4 Remove the dirt from the inlet filter with a brush.



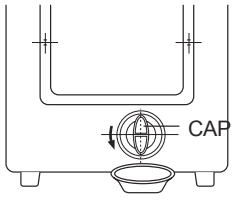
• • • • CLEANING THE DRAIN FILTER

• In case “U” shape drain hose, this filter’s equipped at the back side of washer.
• This drain filter is to screen the foreign stuffs such as threads, coins, pins, buttons etc ...
• If the drain filter is not cleaned at proper time (every 10 times of use), Drain problem could be caused.

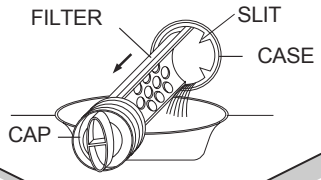
1 Put down the remained water in the hose. And put a container under the filter to collect water.



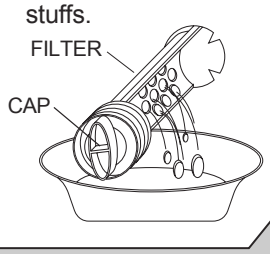
2 Turn the cap counter clockwise.



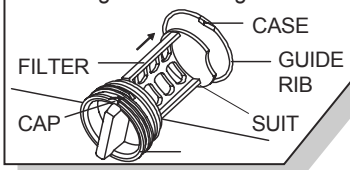
3 Pull out the filter assembly off the case of the main body.



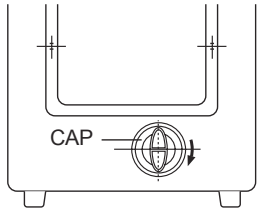
4 Clean the drain filter removing the foreign stuffs.



5 Put in the filter along the guiding prominence of the case. Please note the left position of the filter adjusting the groove to the guide rib.



6 Turn the cap clockwise tightly.



4. FEATURE AND TECHNICAL EXPLANATION

Feature of the Washing Machine

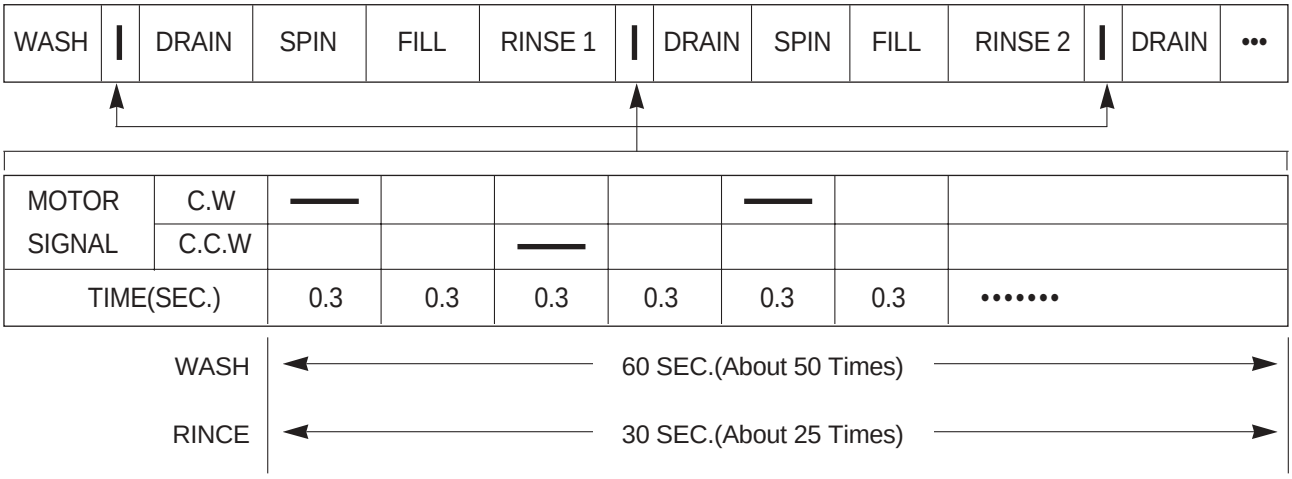
1 First applying the Radical Technology in the world ... go beyond washing, sterilize your clothes and deodorize a bad smell.
2 The first air bubble washing system in the world.
3 Quiet washing through the innovational low-noise design.
4 Improving washing performance by more than 35%, while reducing power consumption by 40%.
5 The laundry detergent dissolves well in water because of the air bubble washing system.
6 The adoption of the water currents to adjust the unbalanced load.
7 One-touch operation system.

Water Current to Adjust the Unbalanced Load

It is a function to prevent eccentricity of the clothes after wash by rotating pulsator C.W and C.C.W for 60 seconds.(But, the SUIT course have no operation of the water currents to adjust the unbalanced load.)

EFFECT
It reduces vibration and noise effectively while spinning.

WATER FLOW

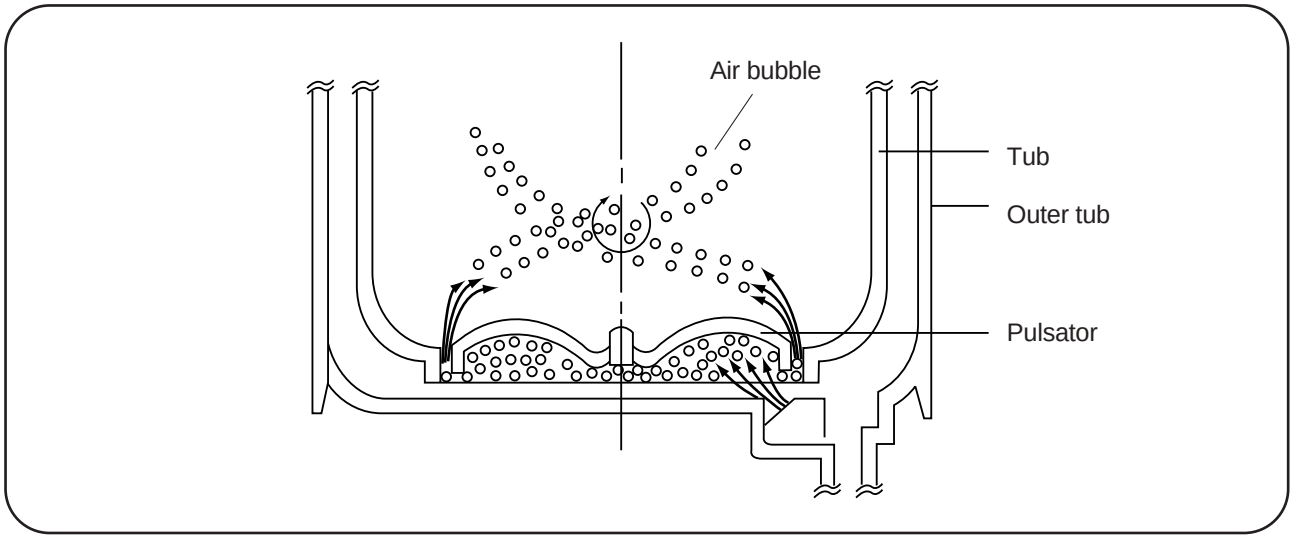


Automatic Water Supply System for Blanket Wash

The water level would be lowered because the blanket absorbs water at the beginning of washing. Therefore, after 2 minutes, the operation is interrupted to check the water level, and then the water is supplied again until the selected water level is reached.

Functional Principle of Bubble Washing Machine

ACROSS SECTION



FUNCTIONAL PRINCIPLE

Bubble Motor supplies the air from the bottom of outer tub to the inner space of pulsator, the air is dispersed by the rotation of pulsator. Air-bubble is created by the centrifugal force, and rises up.

Automatic Drainning time Adjustment

This system adjusts the draining time automatically according to the draining condition.

Draining condition	Good draining	The washer begins spin process after drainage.
	Bad draining	Draininig time is prolonged.
	No draining	Program is stopped and gives the alarm.

FUNCTIONAL PRINCIPLE

1 The micom can remember the time from the begining of drain to reset point when the pressure switch reaches to "OFF" point

Drain Time	Movement of the Program
Less than 15 minutes	Continue draining
More than 15 minutes	Program stops and gives the alarm with blinked on display lamp.

2 In case of continuous draining, residual drain time is determined by micom.

Draining time as a whole = D + 90

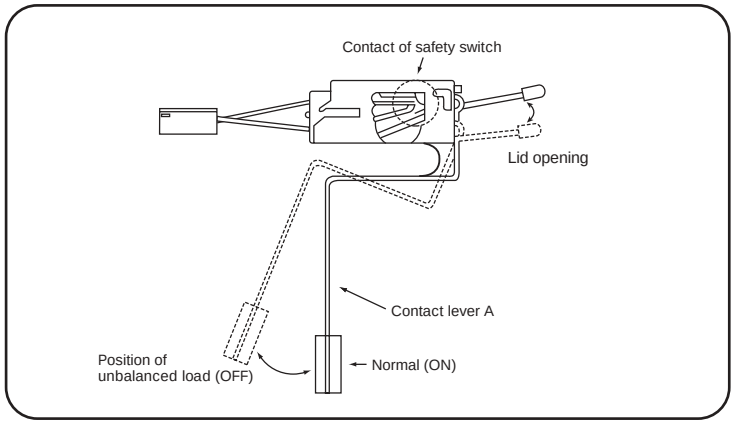
- 90 — Residual drain time.
- D — The time remembered by micom.

Automatic Unbalance Adjustment

This system is to prevent abnormal vibration during intermittent spin and spin process.

FUNCTIONAL PRINCIPLE

1. When the lid is closed, the safety switch contact is "ON' position.
2. In case that wash loads get uneven during spin, the outer tub hits the safety switch due to the serious vibration, and the spin process is interrupted.
3. In case that P.C.B. ASS'Y gets “OFF” signal from the safety switch, spin process is stopped and rinse process is started automatically.
4. If the safety switch is operated due to the unbalance of the tub, the program is stopped and the alarm is given.



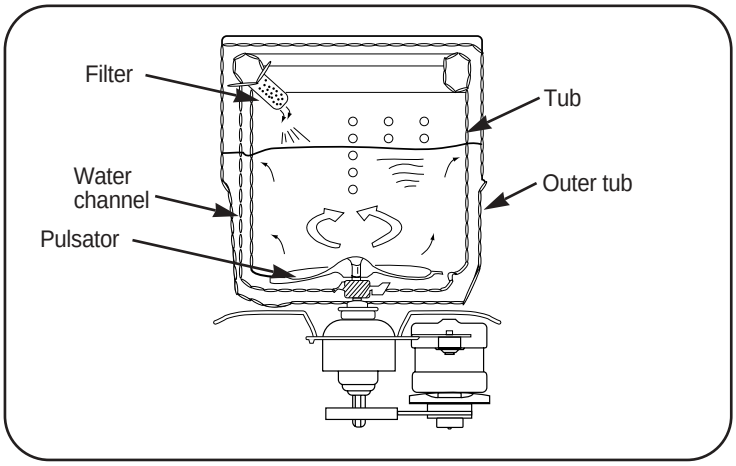
NOTES

The alarm finished when you close the lid after opening it. Check the unbalance of the wash load and the installation condition.

Circulating-Water Course and Lint Filter

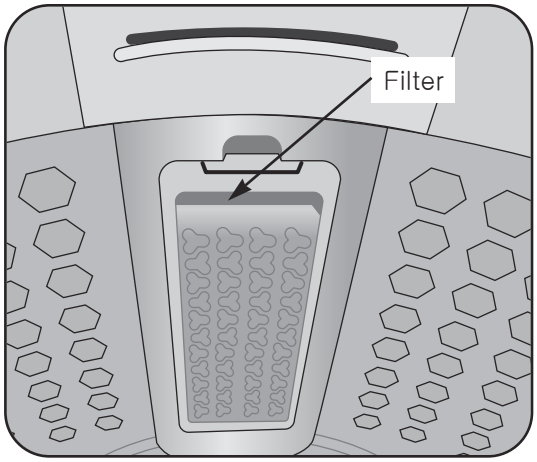
CIRCULATING-WATER

The washing and rinsing effects have been improved by adopting the water system in which water in the tub is circulated in a designed pattern.
When the pulsator rotates during the washing or rinsing process, the water below the pulsator fans creates a water currents as shown in figure.
The water is then discharged from the upper part of the tub through the water channel.
About 40 L/min. water is circulated at the ‘high’ water level, standard wash load and standard water currents.



Lint Filter

Much lint may be obtained according to the kind of clothes to be washed and some of the lint may also stick to the clothes.
To minimize this possibility a lint filter is provided on the upper part of the tub to filter the wash water as it is discharged from the water channel. It is good to use the lint filter during washing.



HOW TO REPLACE LINT FILTER

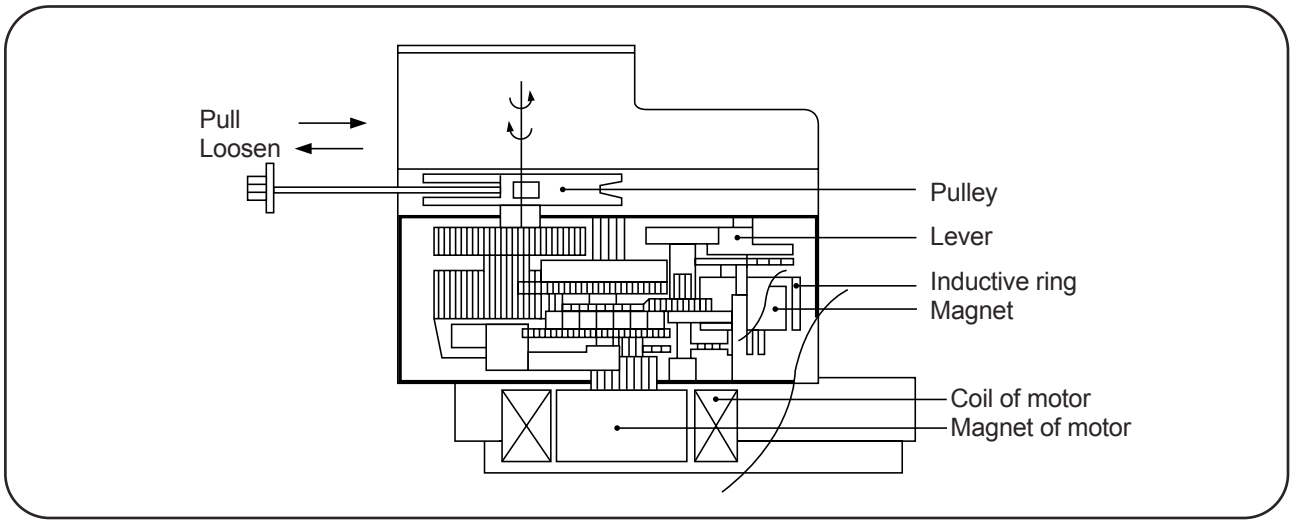
1 Pull the filter frame upward.
2 Turn the lint filter inside out, and wash the lint off with water.
3 Return the filter as it was, and fix the filter frame to the slot.

Residual Time Display

When the START/HOLD button is pressed, the residual time (min.) is displayed on the time indicator, and it will be counted down according to process.
When operation is finished, the TIME INDICATOR will light up 0 .

Drain Motor

STRUCTURE

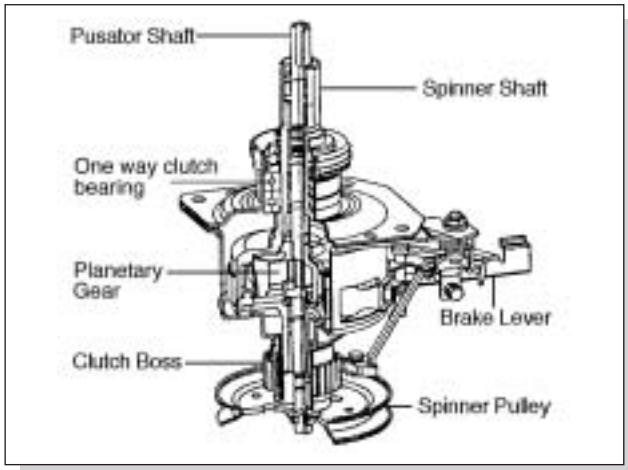


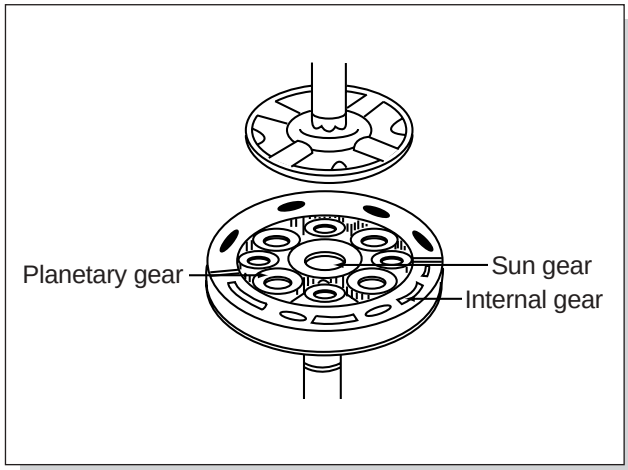
FUNCTIONAL PRINCIPLE

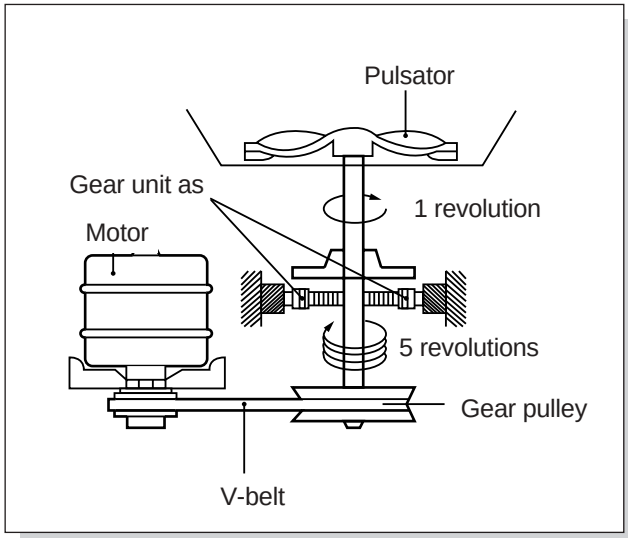
1 When the DRAIN MOTOR connected to the power source, the DRAIN MOTOR rotates with 900 r.p.m and revolves the pulley by gear assembly for reducing.
2 When the pulley is rotated, the pulley winds the wire to open the drain valve.
3 Therefore, rotation of pulley changed to the linear moving of wire.
4 The wire pulls the brake lever of Gear Mechanism Ass'y within 5 seconds.
5 After the wire pulled, gear assembly is separated from motor and condition of pulling is held by operation of the lever.
6 When the power is turned off, the drain valve is closed because the wire returns to original position.

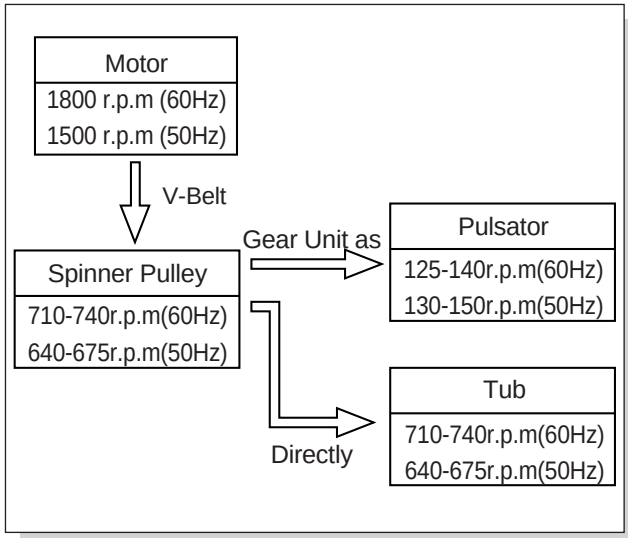
Gear Mechanism Ass'y

The proper water currents is made by the rotation of pulsator at a low speed to prevent the damage to the small sized clothes.









5. DIRECTIONS FOR DISASSEMBLY AND ADJUSTMENT

Warning

BEFORE ATTEMPTING TO SERVICE OR ADJUST ANY PART OF THE WASHING MACHINE, DISCONNECT THE POWER CORD FROM THE ELECTRIC OUTLET.

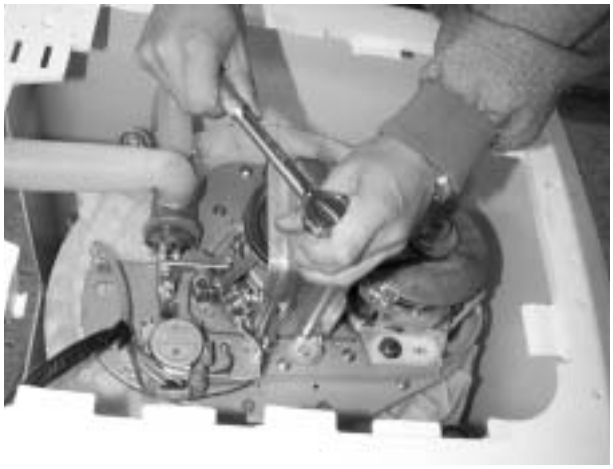
Gear Mechanism Ass'y Replacement

GEAR MECHANISM ASS'Y REPLACEMENT

① Raise the top plate on the outer cabinet. ② Loosen four screws mounting outer tub cover and remove outer tub cover from the tub ass'y. 	③ Remove the cap pulsator from the pulsator assy by using screw driver
④ Loosen the pulsator mounting screw and remove the pulsator. 	⑤ Remove the special nut by using "T" type box wrentch. ⑥ Remove the special washer.

⑦ Remove the tub i assy.

⑧ Lay the front of the washer on the floor.
⑨ Remove four special bolts of gear protect by using a box wrentch and remove gear protect.
⑩ Remove the V-belt.



⑪ Remove four special bolt of gear mechanism assy by using a box wrentch.

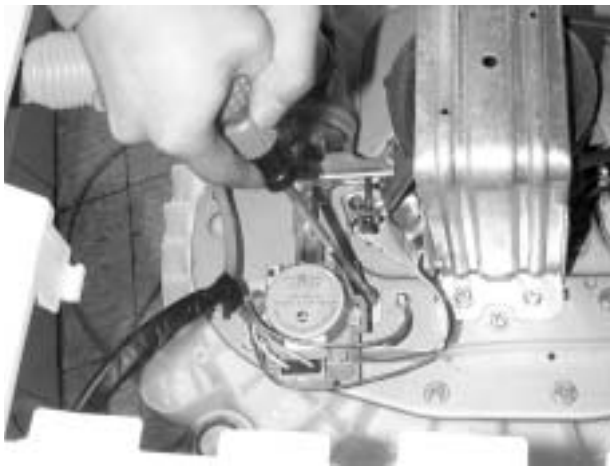
⑫ Pull out the gear mechanism assy.

NOTES

To assemble the gear mechanism ass'y, reverse the disassembly procedure.

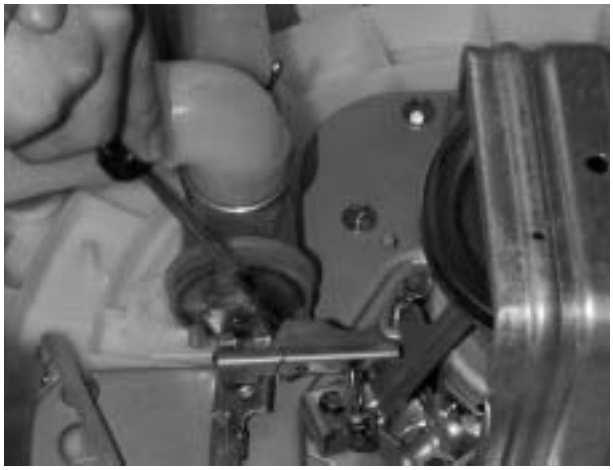
MOTOR SYNCHRONOUS AND VALVE REPLACEMENT (NON PUMP MODEL)

① Lay the front of the washer on the floor.
② Loosen two special screw of motor synchronous.



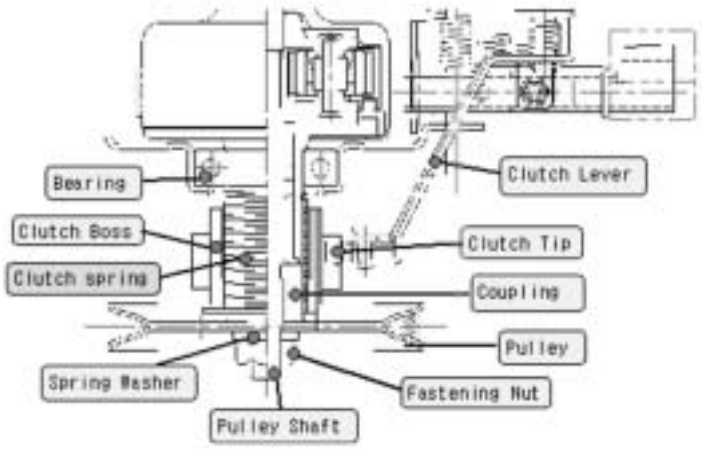
③ Take out the wire of motor synchronous from the braket.
④ Separate the motor synchronous from the base.

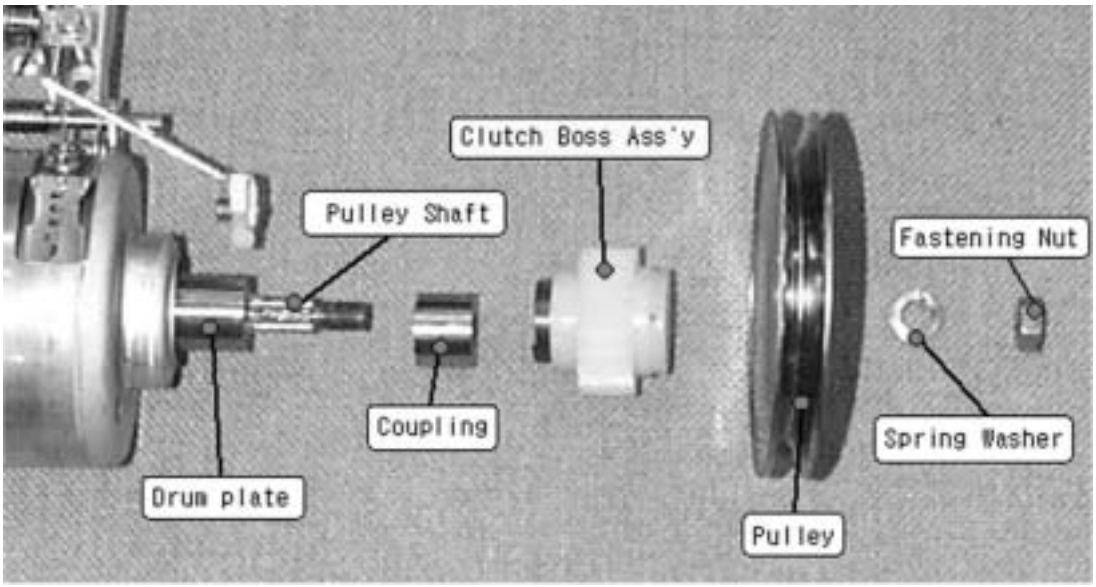
⑤ Turn the valve by using screw driver as shown in picture.



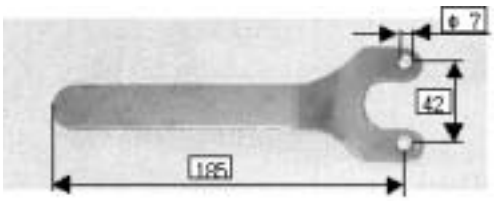
⑥ Remove the valve lid from the valve drain assy.

the structure of gear mechanism





●TOOL FOR REPLACING THE CLUTCH BOSS ASSEMBLY●

Tool name	Specification	Q'ty
Fixing jig		1
Ratchet handle		1
Socket and extension bar	socket : 10mm, 17mm	per each
Cotton yarn		some

how to check the clutch spring

CHECKING METHOD

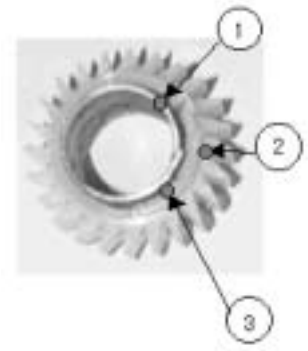
IN THIS CASE, YOU MUST EMPTY THE SPIN TUB FIRST.

1) TO CHECK THE REVOLUTION OF SPIN TUB.
   IF THE SPIN TUB DOES NOT REVOLVE AND ONLY THE PULSATOR IS TURNING, THAT IS CLUTCH SPRING DEFECT.

2) TO CHECK THE SPIN SPEED(RPM) BETWEEN SPIN TUB AND PULSATOR.
   IF YOU FIND THE DIFFERENT SPIN SPEED BETWEEN SPIN TUB AND PULSATOR, THIS IS ALSO CLUTCH SPRING DEFECT.

   IN THIS CASE, WE ARE GOING TO SUPPLY THE CLUTCH BOSS ASSEMBLY INSTEAD OF GEAR MECHANISM ASSEMBLY. PLEASE REFER TO FOLLOWING FIG.

THE CLUTCH BOSS ASSEMBLY

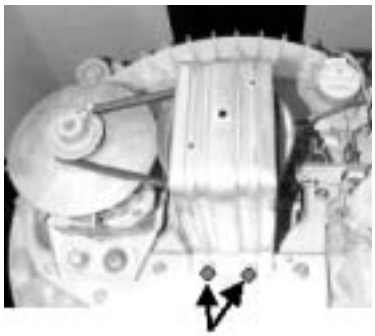
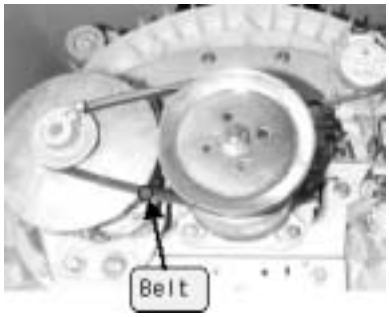
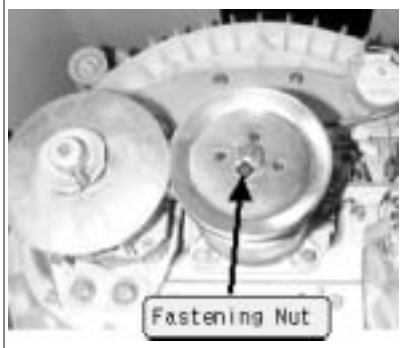


NO.	PARTS NAME	SPECIFICATION	CODE	Q'TY
1	CLUTCH SPRING	1.5*1.5	3615110000	1
2	CLUTCH BOSS	PP	3619301300	1
3	GREASE	beacon#325 3g		
PACKING METHOD	PACKING THE CLUTCH BOSS ASS'Y BY USING VINYL PACK			1

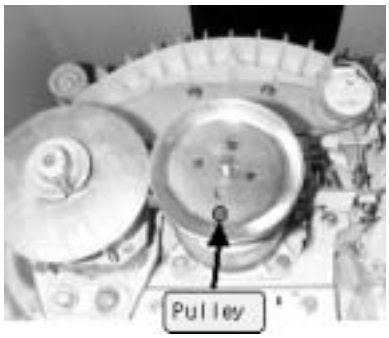
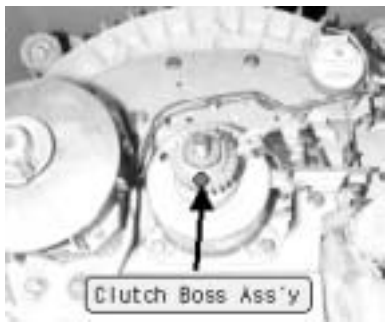
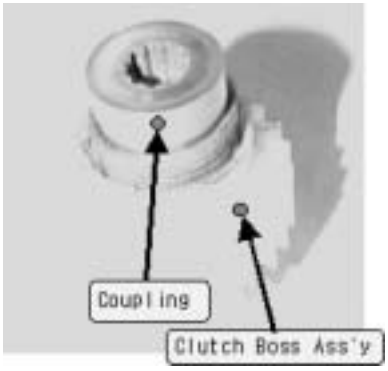
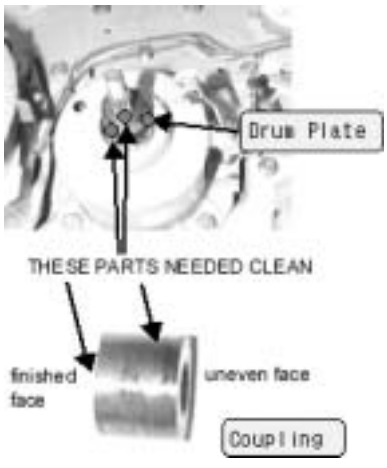
CLUTCH BOSS ASS'Y PART CODE : 3619301400

The Process Of Disassembling

Disassembling 1

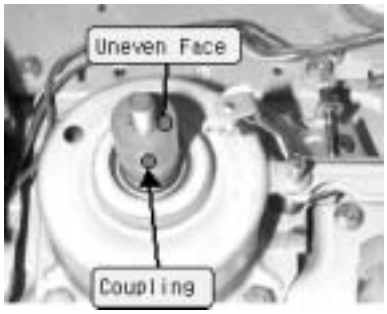
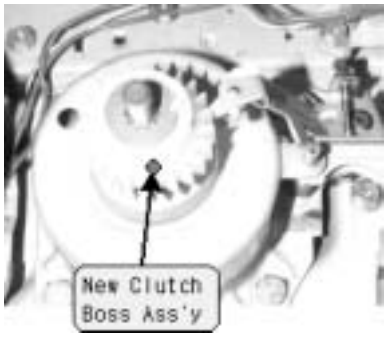
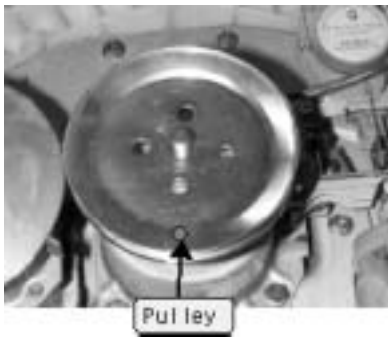
No.	Process		Notice
1	 Release screws marked 4-point	Remove the protector	Use wrench or driver - ratchet handle - extension bar - socket : 10mm
2		Remove the v-belt	
3		Loosen the fastening nut	Use fixing jig for pulley as to see fig 1. and 17mm-socket for nut
4		Disassemble the spring washer	Take out plain washer if it has

Disassembling 2

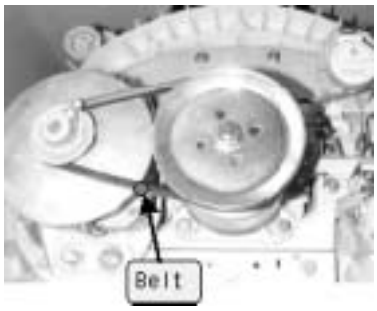
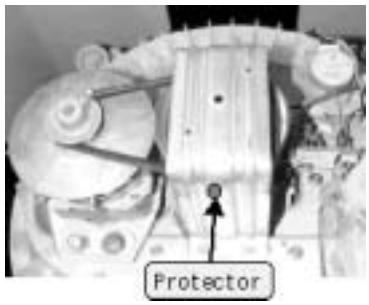
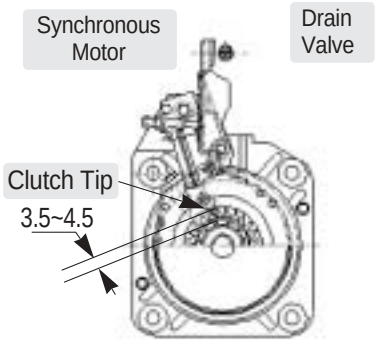
No.	Process		Notice
5		Disassemble the pulley	
6		Disassemble the clutch boss assembly	Catch the boss and pull upward with spiral rotate in the clockwise direction
7		Separate coupling from clutch boss ass'y	
8		Cleaning	Clean the drum plate, coupling surface and contact face between drum plate and coupling It is necessary to keep cotton piece goods being dry and clean

The Process Of Assembling

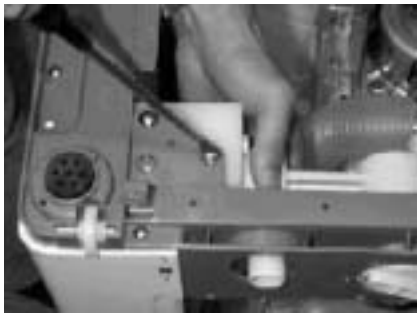
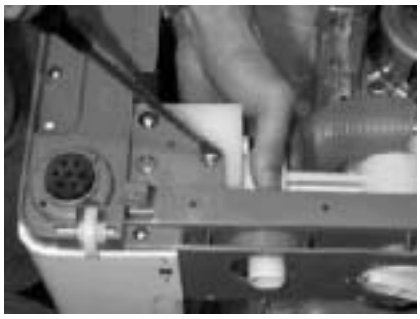
Assembling 1

No.	Process		Notice
1		Assemble the coupling	Check the uneven face of coupling is assembled upward
2		Assemble the new clutch boss ass'y	- Push in the clutch boss ass'y with rotating on the clockwise direction. - After assembling, rotate on the clockwise more 2~3 teeth and pull out the pulley shaft upward
3		Assemble the pulley	
4		Assemble the spring washer	If there was plain washer, you have to assemble plain washer the first and then assemble spring washer

Assembling 2

No.	Process		Notice
5		Assemble the fastening nut	- Use fixing jig and 17mm socket wrench as if disassembling, as fastening torque about 100~200kgf-cm. - Check the end-play, up and downward and check the binding force, too much or not on bi-direct of rotation.
6		Assemble the belt	
7		Assemble the protector	
8		Final checking	Finally, check the interference depth both clutch tip and clutch boss(3.5~4.5mm)

REPLACE THE CASE FILTER ASS'Y

① separate the back cover from washing machine	② remove two screws	③ remove three screws
		
④ turn the case filter ass'y and separate it from the drain motor	⑤ separate the drain hose i from the case filter ass'y	⑥ separate the cavitation hose from the case filter ass'y
⑦ assemble the case filter ass'y that purchased	⑧ tie up three screws	⑨ tie up two screws
		
⑩ assemble the hose drain I to the case filter with bond & clamp	⑪ assemble the cavitation hose to the case filter with bond & clamp	⑫ assemble the back cover to the washing machine

7. TROUBLE SHOOTING GUIDE

NOTES

1. When replace the P.C.B. ASS'Y do not scratch the surface of the P.C.B. ASS'Y.
2. Disconnect the power cord from the electric outlet.

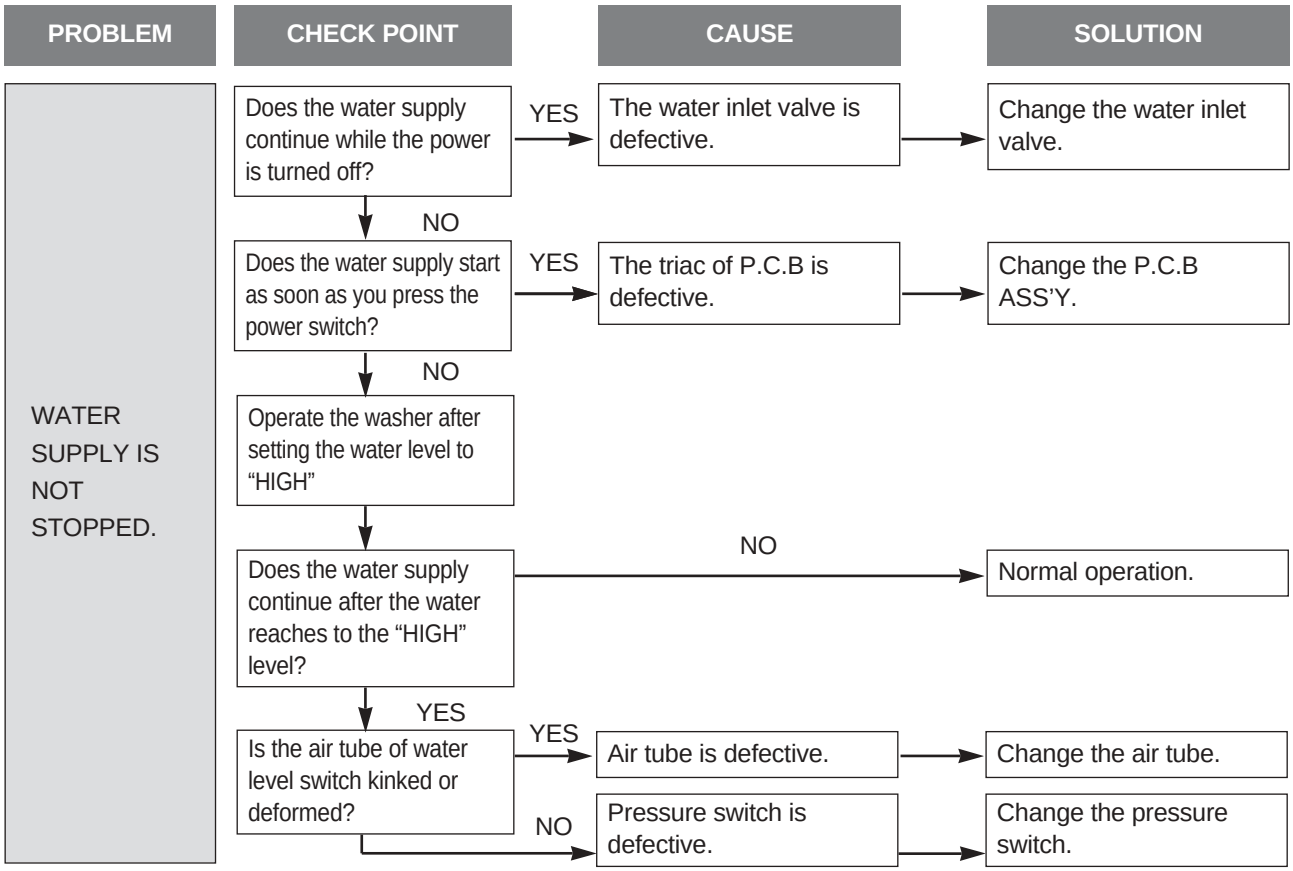
Concerning Water Supply

PROBLEM	CHECK POINT	CAUSE	SOLUTION
WATER IS NOT SUPPLIED.	Do you open the water tap?	NO	Open the water tap.
	Is the filter of the water inlet valve clogged with dirt?	YES	Clean the filter.
	Is the water pressure sufficient? (0.3~8 kgf/cm^2)	NO	Increase the water pressure.
	Does the water inlet valve make operating sound?	NO	Water inlet valve is defective. → Change water inlet valve.
	Is the connector or the terminal connected properly?	NO	Improper connection of the connector or the terminal. → Connect the connector or the terminal properly.
	Is the output voltage of the P.C.B normal?	NO	P.C.B AS is defective. → Change the P.C.B AS.
		YES	Lead wire is defective. → Change the lead wires.

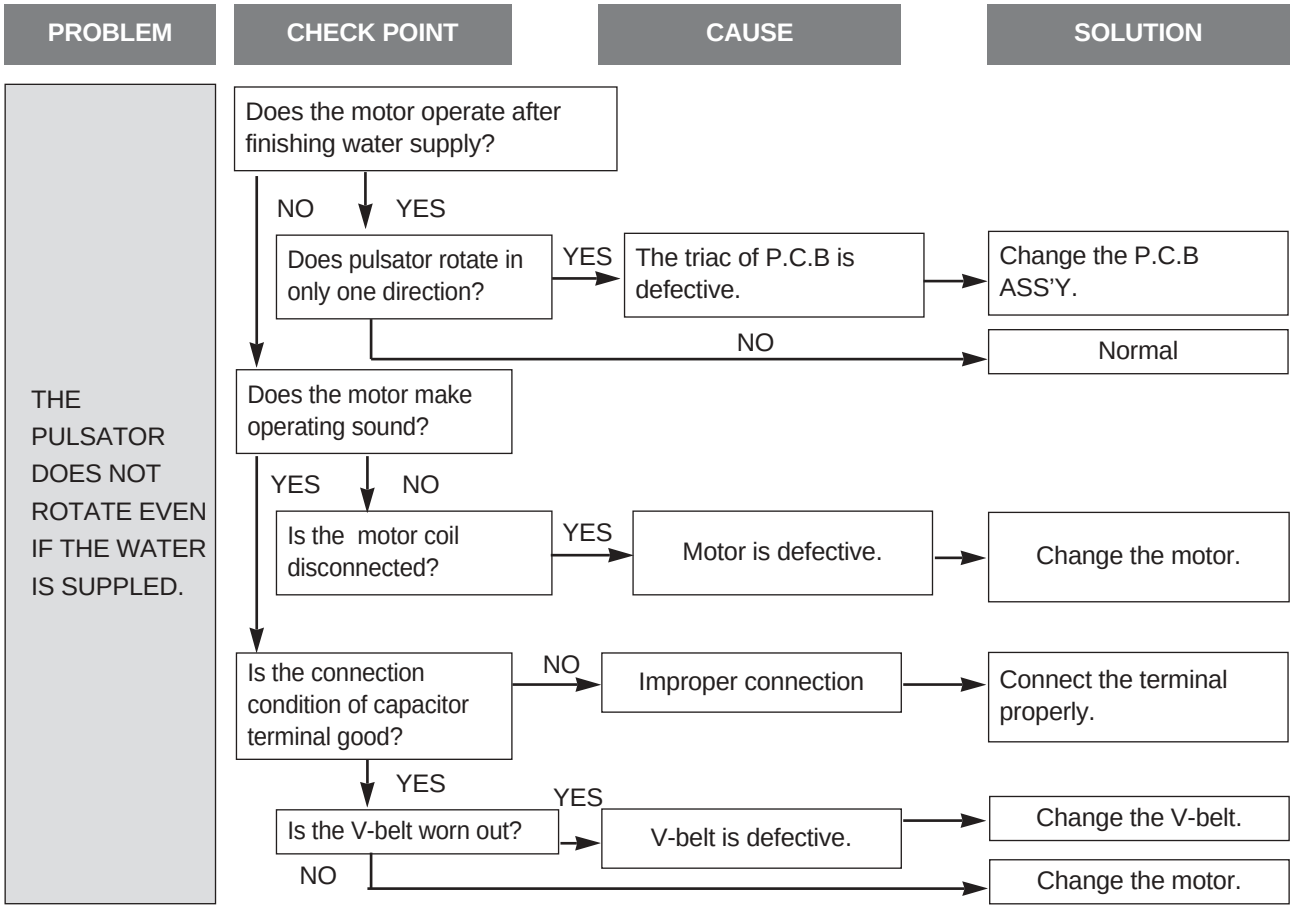
NOTE : Open the water tap fully and measure the flow rate.

Flow rate(l/min.)	11.5	15.0	18.0	20.3	24.1	27.4
Water pressure (Kgf/cm^2)	0.3	0.4	0.5	0.6	0.8	1.0

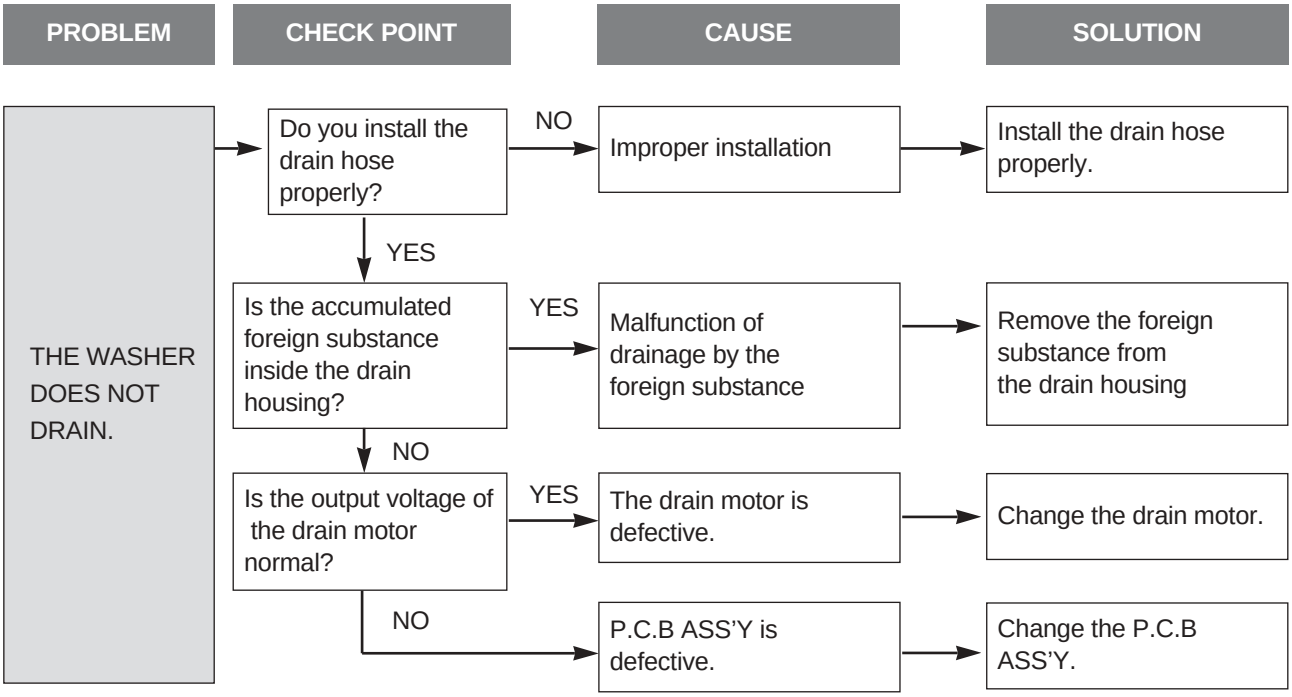
From the upper results, you know that the flow rate more than 11.5l/min. is essential for water supply.


PROBLEM
CHECK POINT
CAUSE
SOLUTION
WATER SUPPLY IS NOT STOPPED.
Does the water supply continue while the power is turned off?
YES
The water inlet valve is defective.
Change the water inlet valve.
NO
Does the water supply start as soon as you press the power switch?
YES
The triac of P.C.B is defective.
Change the P.C.B ASS'Y.
NO
Operate the washer after setting the water level to "HIGH"
Does the water supply continue after the water reaches to the "HIGH" level?
NO
Normal operation.
YES
Is the air tube of water level switch kinked or deformed?
YES
Air tube is defective.
Change the air tube.
NO
Pressure switch is defective.
Change the pressure switch.

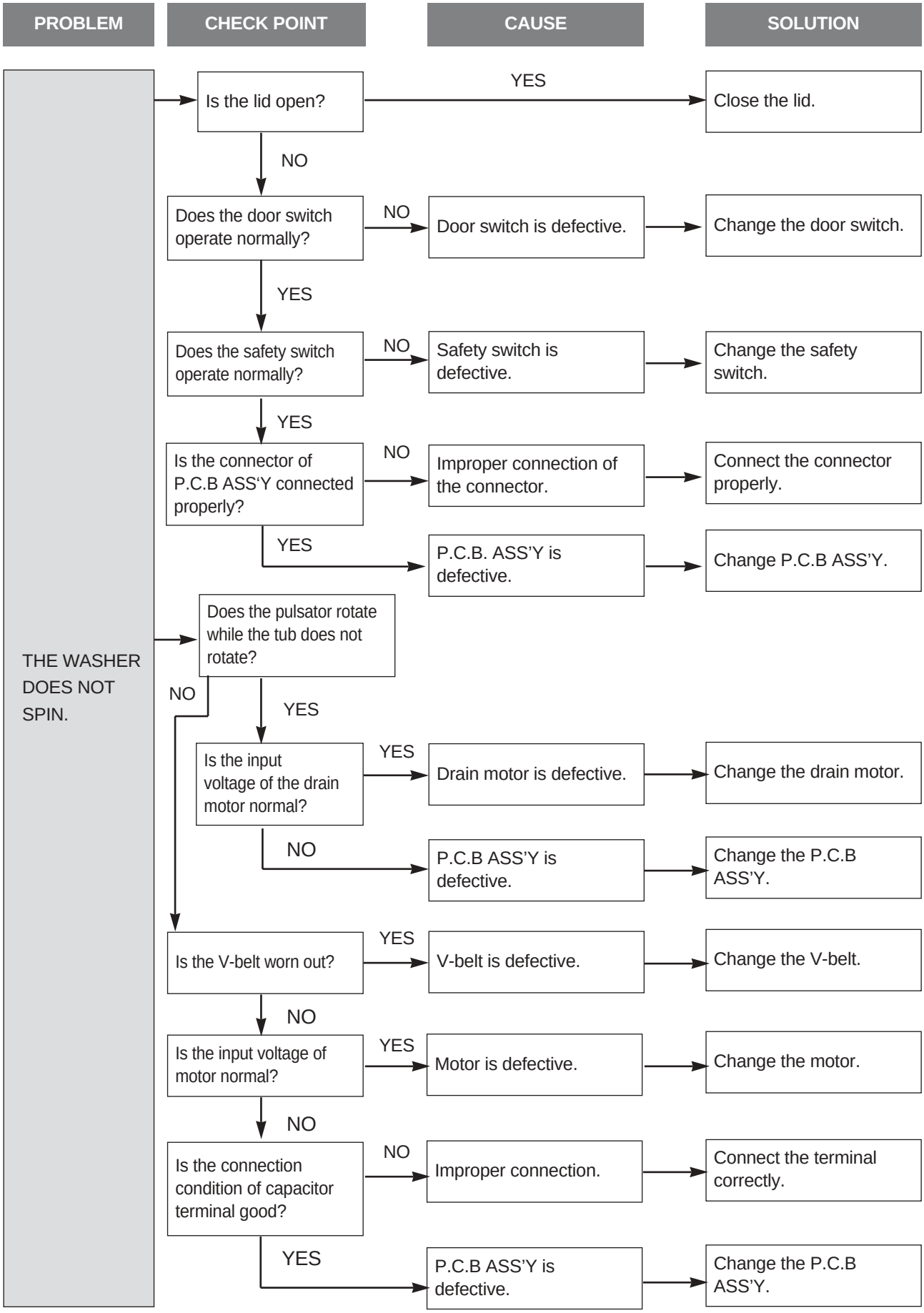
Concerning Washing



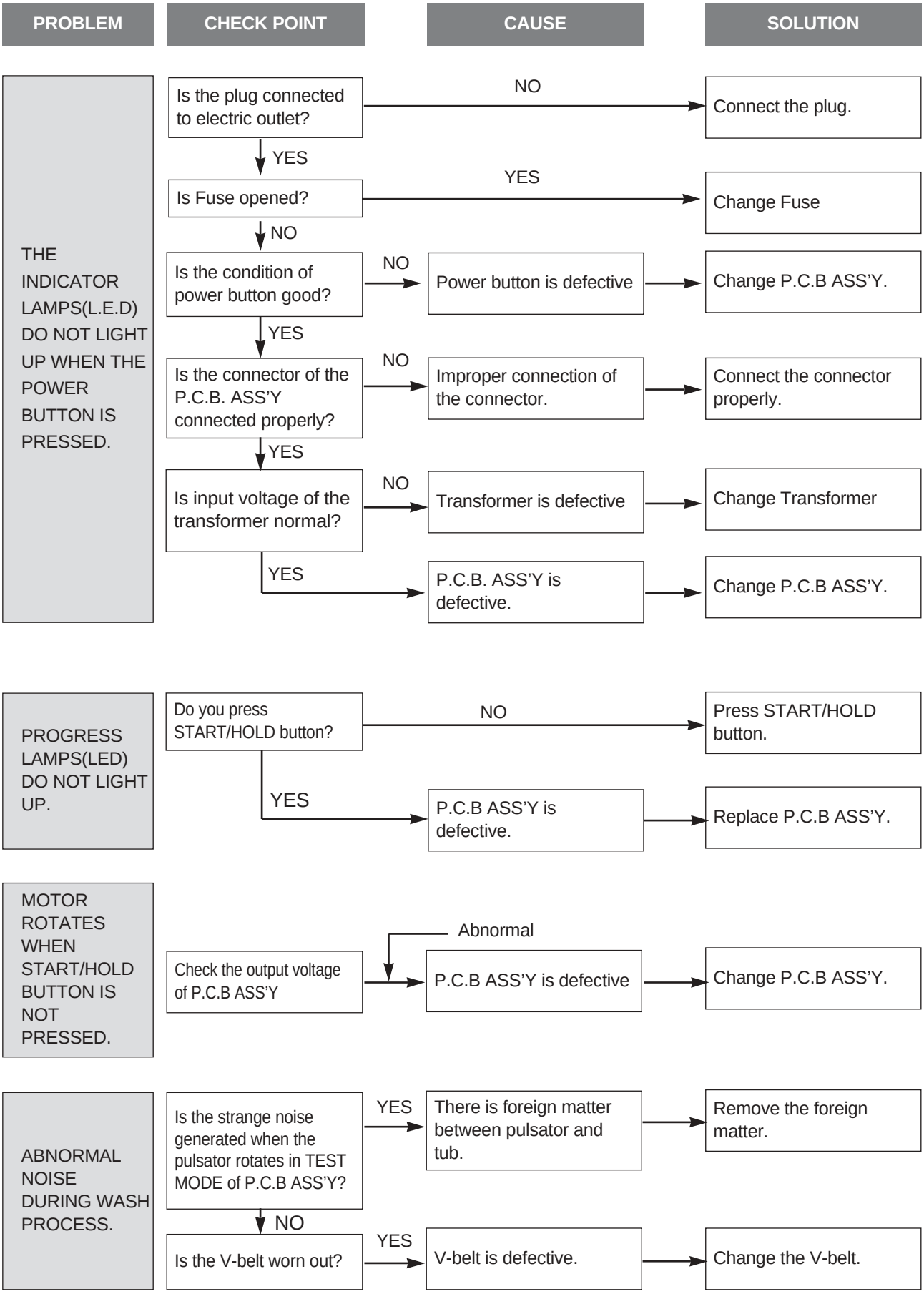
Concerning Draining



Concerning Spinning



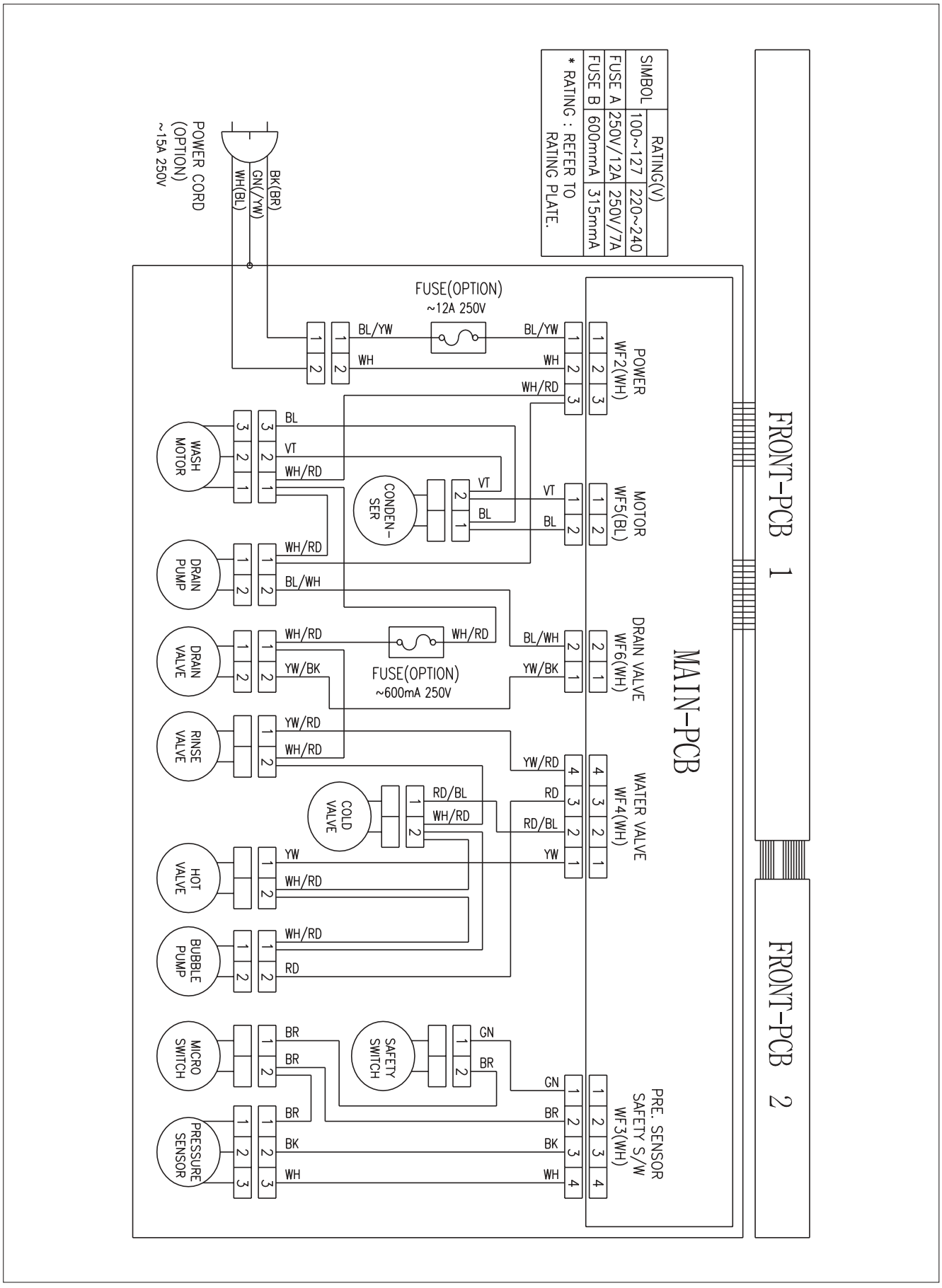
Concerning Operating



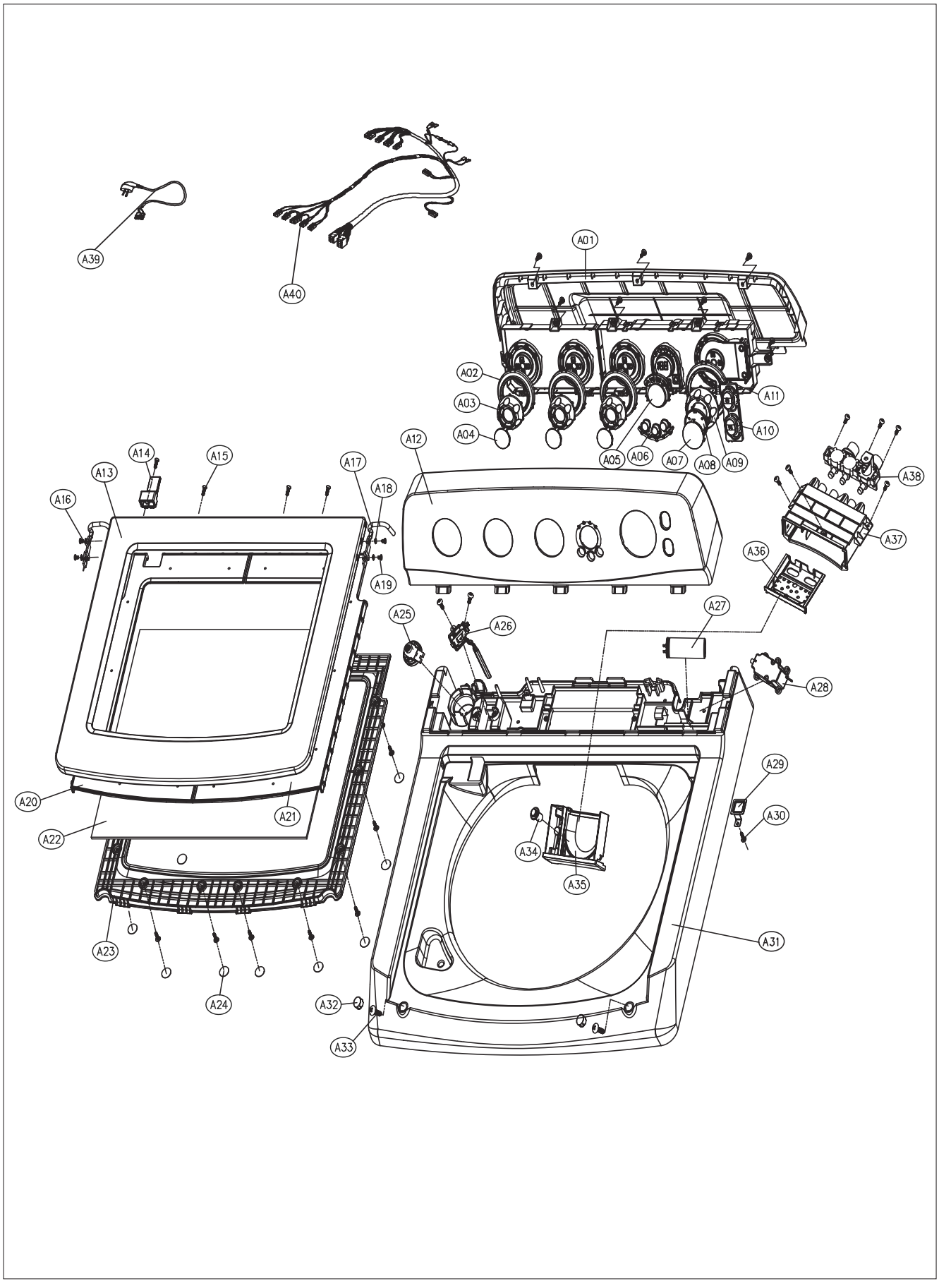
Concerning Error Message

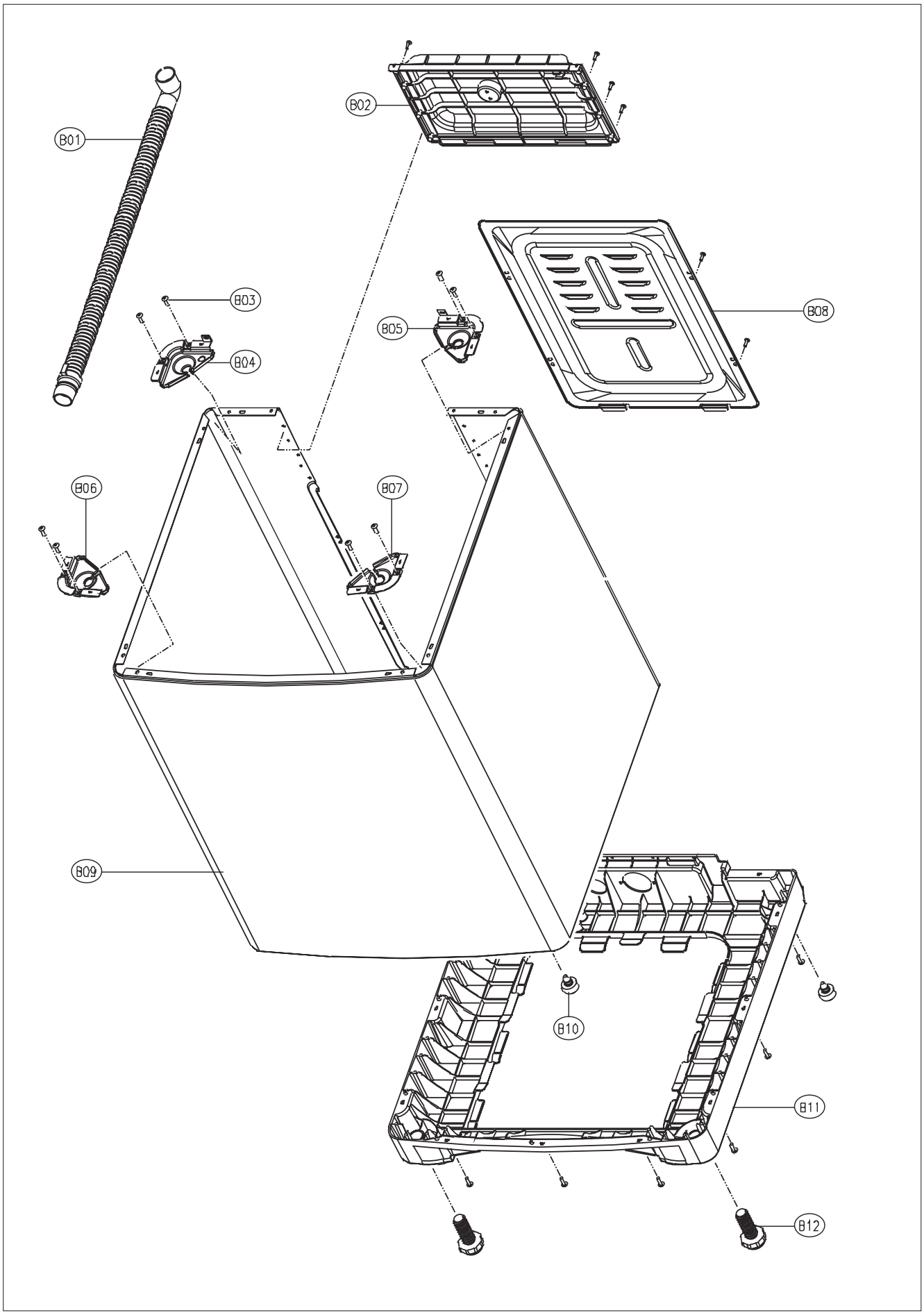
MESSAGE	CAUSE	SOLUTION
	Improper installation of drain hose.	Install drain hose properly.
	The drain hose is blocked up by foreign matter.	Remove foreign matter from drain hose.
	Drain motor is inferior.	Change drain motor.
	The water tap is closed.	Open the water tap.
	The water inlet filter clogged.	Clean the water inlet filter.
	It passes over the 60 minutes, yet it doesn't come to assigned water level.	Fully open the water tap and Check the water pressure.
	Wash loads get uneven during spin.	Re-set wash loads evenly.
	Poor installation of the unit.	Proper installation.
	The lid is opened.	Close the lid.
	The safety switch is inferior.	Change the safety switch.
	The load sensing is inferior. After the load sensing operates about 7 seconds, the message is displayed during 0.5 second and water level is always fixed 'high'.	Change the P.C.B. ASS'Y.
	The water level sensing is inferior.	Check the water level sensor and the contact part of the connector.

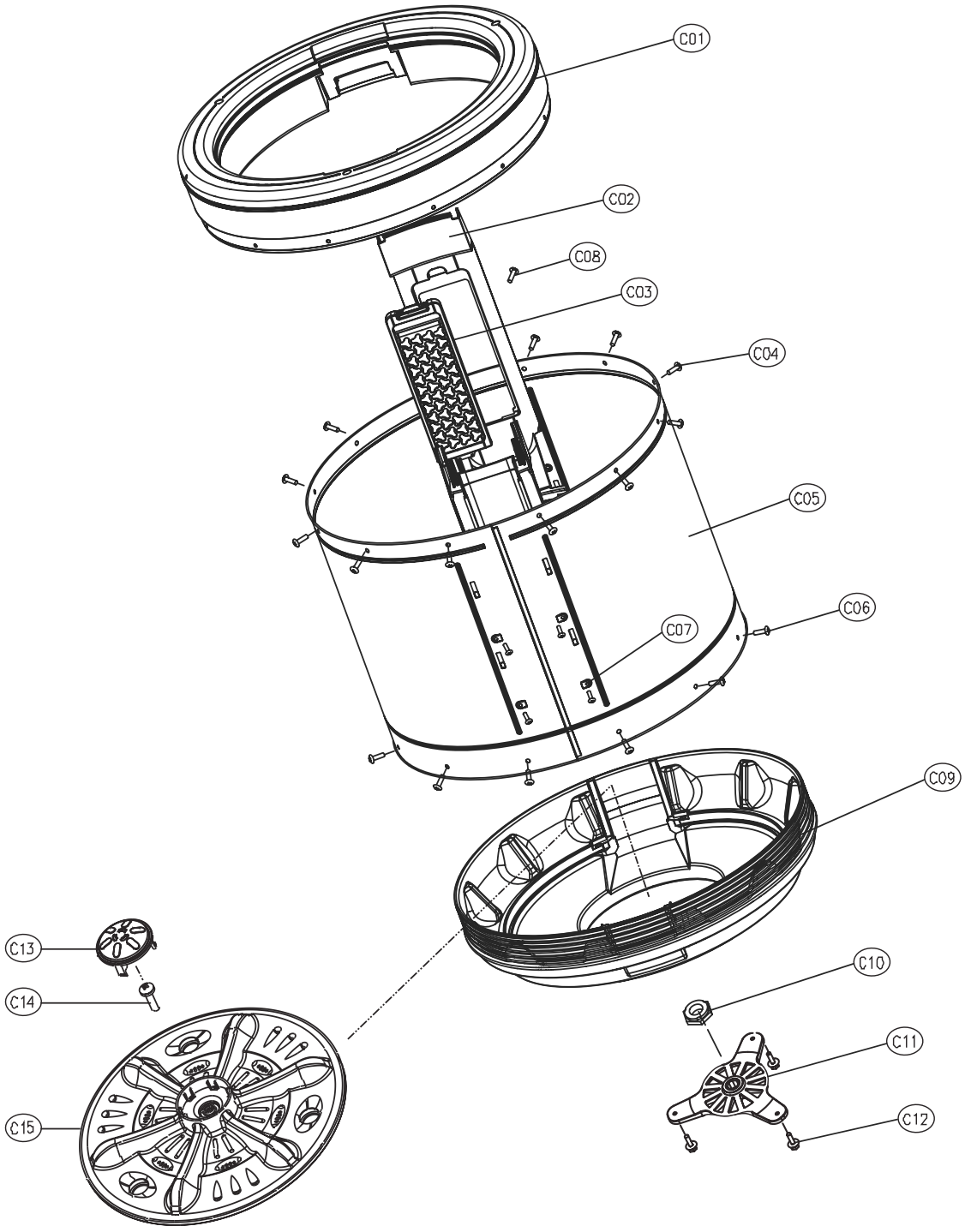
Wiring Diagram

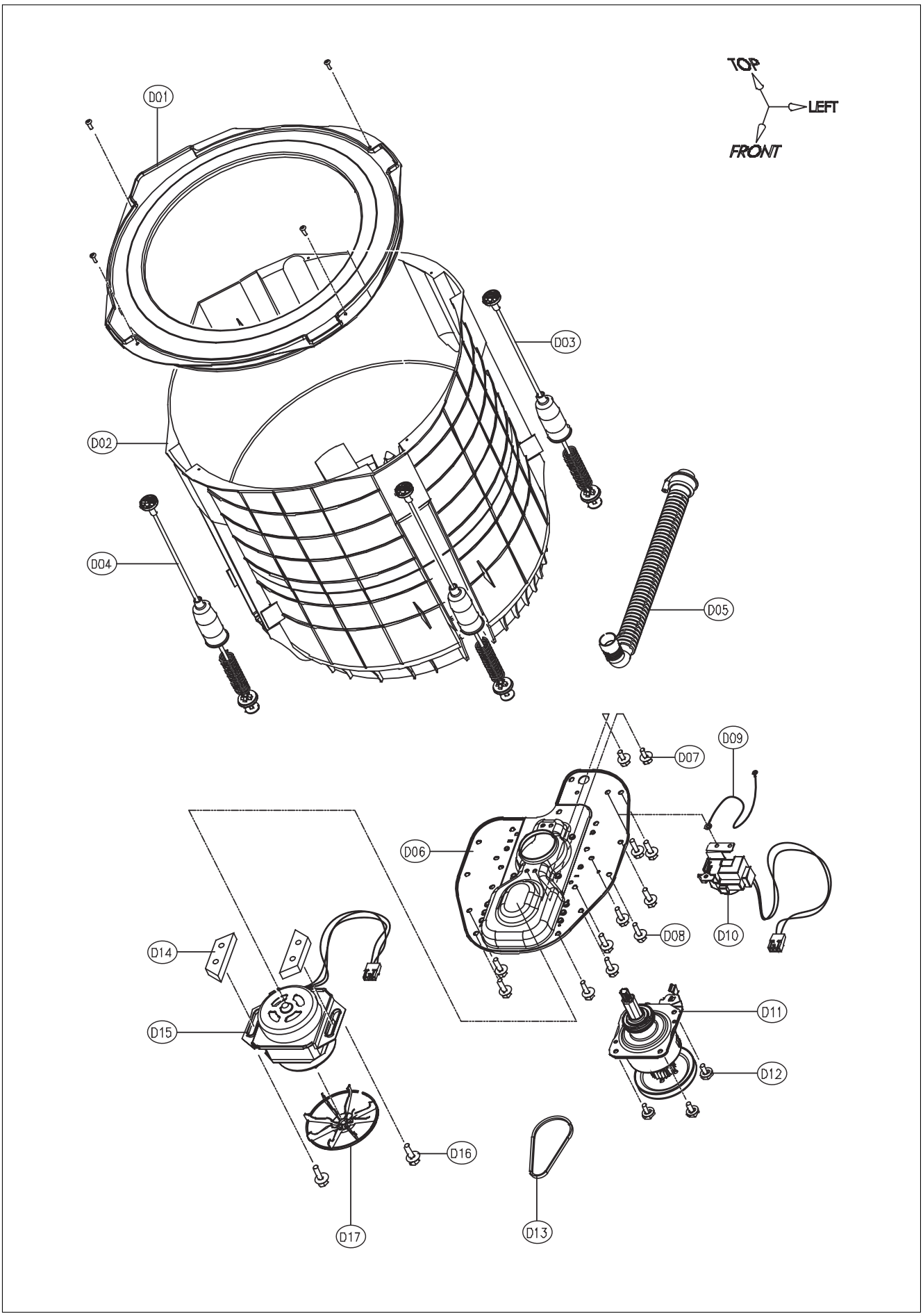


Parts Diagram




B01
B02
B03
B04
B05
B06
B07
B08
B09
B10
B11
B12


C01
C02
C08
C03
C04
C05
C06
C07
C09
C10
C11
C12
C13
C14
C15


TOP
LEFT
FRONT
D01
D02
D03
D04
D05
D06
D07
D08
D09
D10
D11
D12
D13
D14
D15
D16
D17

Parts List

No.	PARTS CODE	PARTS NAME	DESCRIPTION	Q'TY	REMARK
A01	3611432400	COVER PANEL B	ABS 202AX	1	
A02	3615510900	WINDOW SELECTION	TR-ABS 202AX	3	
A03	3613408300	KNOB SELECTION	ABS 202AX	3	
A04	3610919800	CAP SELECTION	ABS 202AX	3	
A05	3615510700	WINDOW DISPLAY	TR-ABS 202AX	1	
A06	3616646200	BUTTON FUNCTION	ABS 202AX	1	
A07	3610919900	CAP COURSE	ABS 202AX	1	
A08	36116DG800	DECO KNOB COURSE	ABS 202AX	1	Cr Plating
A09	3613408400	KNOB COURSE	ABS 202AX	1	
A10	3616646300	BUTTON FUNCTION	DWF-202AX	1	
A11	3615510800	WINDOW COURSE	TR-ABS 202AX	1	
A12	36142T3200	PANEL B	ABS 202AX	1	
A13	361A101700	DOOR O	SECC 1T	1	WHITE SPRAY
A14	3613702600	LEVER SAFETY SW	ABS DWF-200A	1	
A15	7125401408	SCREW TAPPING	T2S FLT 4X14 SUS430	5	
A16	361A101900	DOOR HINGE L	SUS;D=6,DWF-200A	1	
A17	361A101800	DOOR HINGE R	SUS;D=6,DWF-200A	1	
A18	361072200	BUSHING HINGE	POM, DWF-200A	4	
A19	3616009900	SPECIAL SCREW	T2S FLT 3.5X7 SUS430	4	
A20	36122UDJ00	FRAME GLASS L	ABS 202AX	1	
A21	36122UDK00	FRAME GLASS R	ABS 202AX	1	
A22	36117ADB00	DOOR GLASS	GLASS	1	
A23	36117ADC00	DOOR I	ABS 202AX	1	
A24	3611432500	COVER SCREW	PC 0.3T 202AX	14	
A25	3614801650	SENSOR PRESSURE	C0I-D17N, 3PIN, L=620,15D	1	
A26	3619044180	SAFETY SWITCH AS	SF-03013, F187, CU/T=9, CU/L=110, L=174	1	
A27	3618911300	UNIT CAPACITOR AS	12.5UF 400VAC CAN TYPE	1	
A28	3618946412	UNIT BUBBLE PUMP AS	C DK-115K1, H:350MM	1	(OPTION)
A29	3618304100	PROTECTOR PLATE	SECC DWF-200A	2	
A30	7122401411	SCREW TAPPING	T2S TRS 4X14 MFZN	2	
A31	3614529800	PLATE T	ABS, DWF-200A	1	
A32	3611561400	CUSHION DOOR	NBR, DWF-200A	2	
A33	7122401411	SCREW TAPPING	T2S TRS 4X14 MFZN	2	
A34	3610907800	CAP SOFTENER	PP	1	
A35	3611138100	CASE DETERGENT	ABS	1	
A36	3618102900	NOZZLE DETERGENT	PP	1	
A37	3610430100	BODY DETERGENT	ABS	1	
A38	3615407131	VALVE INLET	220-240V 50/60Hz C+H+R	1	
A39	3611336650	CORD POWER AS	H05VV-F CHILE	1	
A40	3612792701	HARNESS AS	DWF-202AXNP, 220V	1	

No.	PARTS CODE	PARTS NAME	DESCRIPTION	Q'TY	REMARK
B01	361DHP1200	HOSE DRAIN O AS	LD-PE/EVA L=1200 PUMP	1	PUMP
B02	3614514600	PLATE UPPER	PP	1	
B03	7112501411	SCREW TAPPING	T1 TRS 5*14 MFZN	8	
B04	3615302230	SUPPORTER TUB BL	SPG 1.6T(R-00, 100C UV)	1	
B05	3615302330	SUPPORTER TUB BR	SPG 1.6T(R-00, 100C UV)	1	
B06	3615302430	SUPPORTER TUB FL	SPG 1.6T(R-00)	1	
B07	3615302530	SUPPORTER TUB FR	SPG 1.6T(R-00)	1	
B08	3611413600	COVER BACK	SPG 0.4T	1	
B09	3610808020	CABINET	PCM 0.6	1	
B10	3617703000	LEG FIX	SBS	2	
B11	3610312200	BASE U	PP	1	
B12	3617702010	LEG ADJUST	PP	2	
C01	3616104000	BALANCER AS	DWF-1094	1	
C02	3612504500	GUIDE FILTER AS	10KG MAGIC 1 PIECE	2	
C03	3611911500	MAGIC FILTER AS	10KG 1 PIECE	2	
C04	3616051629	SPECIAL SCREW	SUS 430 T2 TRS 5.5*16	12	
C05	3618831410	TUB *I	SUS 0.4*398.5*1636	1	
C06	3616051629	SPECIAL SCREW	SUS 430 T2 TRS 5.5*16	12	
C07	7122400829	SCREW TAPPING	T2S TRS 4*8 STS 430	4	
C08	7122400829	SCREW TAPPING	T2S TRS 4*8 STS 430	4	
C09	3618807003	TUB *U	94'S, -M/B, +RIB	1	
C10	3616063700	SPECIAL NUT	ZDC1 EU SAMWOO	1	
C11	3617200600	FRANGE TUB	ALDC 12 VE1, 6POINT	1	
C12	3616007001	SPECIAL SCREW	SCM 24H, 6.5*24 101S	6	
C13	3610911200	CAP PULSATOR	PP, 100M	1	
C14	3616062629	SPECIAL SCREW	STS 430 6*26.5	1	
C15	3619705510	PULSATOR AS	100M	1	

No.	PARTS CODE	PARTS NAME	DESCRIPTION	Q'TY	REMARK
D01	3611413900	COVER TUB O	PP	1	
D02	3618807100	TUB O	1098	1	NON PUMP
D03	3619803900	SUSPENSION AS(B)	1398,ROD=612, SPRING=96	1	
D04	3619803800	SUSPENSION AS(F)	1398,ROD=612, SPRING=104	1	
D05	3613218500	HOSE DRAIN I AS	LDPE+EVA, L=219.5	1	NON PUMP
	3613212120	HOSE DRAIN I	EVA,L=184	1	PUMP
D06	3610387400	BASE	SECEN 2.0T	1	
D07	3616006900	SPECIAL SCREW	SCM 24H, 6.5*18	4	
D08	3616007000	SPECIAL SCREW	SCM 24H, 6.5*24	14	
D09	3612712200	INNER EARTH WIRE	GN VSF(30/0.18)	1	
	3612713150	HARNESS EARTH WIRE	VSF YW/GN L1=620 L2=200		
D10	36196L1R50	MOTOR SYNCHRONOUS	220/50-60,REILI	1	220/50
D11	3617310301	GEAR MECHANISM	GM-1300	1	
D12	7341801511	BOLT HEX	6B-1 8*15 MFZN	4	
D13	3616590220	BELT V	M20.5, AGING	1	
D14	3611502700	CUSHION DOWN	POM(8MM)	2	
D15	3964510431	MOTOR CONDENSER	W1D47VA011, W1D50VA011	1	220~240V 50HZ
D16	7650802528	BOLT HEX	6B-1 8*25 PW(3*28) MFZN	4	
D17	3618401400	PULLY MOTOR AS	M-TYPE(AL), DS=10 DP=48.5	1	

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CABLE: “DAEWOOELEC”

S/M NO. :